

Montana Laboratory Sentinel



Updates from the MT Laboratory Services Bureau
800-821-7284 www.lab.hhs.mt.gov

10/6/20100

Gram-negative bacterial endocarditis in adults: State-of-the-heart

Medscape Medical Gram-negative endocarditis due to HACEK bacteria (*Haemophilus species*, *Actinobacillus*, *Cardiobacterium*, *Eikenella* and *Kingella species*) and non-HACEK organisms is an infrequent occurrence but is associated with significant morbidity and mortality. Traditionally, non-HACEK Gram-negative endocarditis has been associated with injection drug use. However, emerging data from more contemporary cohorts suggest changing epidemiology and risk factors for Gram-negative endocarditis, necessitating an updated review of this subject. Moreover, optimal management, including the need for surgical intervention and strategies for the prevention of Gram-negative endocarditis need to be revisited. [MORE](#)

Tracking down pathogenic yeasts Science Daily

More than half of all people are hosts to *Candida albicans* in their bodies. This species might be located on their skin or mucous membranes or in the intestines — frequently without causing any symptoms. However, it can be dangerous to patients whose immunological system has been weakened such as after organ transplants or chemotherapy with cancer. Then, this fungus penetrates into deeper layers of tissue and uses the blood system to spread throughout the body. In Germany alone, several thousand people die from systemic candida infections every year. [MORE](#)

REMINDER!!!!

About the seasonal influenza teleconference directed to all Montana clinical laboratories that perform influenza testing. **Thursday, October 7, 2010 at 2:30 pm** for To join the call, dial **877-247-8426** and enter passcode **0726**.



Please remember to notify the Molecular Diagnostics Laboratory at (406) 444-3444 or (800)-821-7284 before sending specimens for Mycobacterium Direct Detection. This is to ensure they can have the resources available to test the specimens when they arrive.

Do you have any burning questions or topics to share...

about microbiology, TB, foodborne illness, newborn screening, infectious disease or environmental testing, laboratory preparedness, or other topics of public health interest?

As a service to our partners, we would like to come up with scenarios and points of discussion that can be used for educational purposes. Please email Crystal Poppler, MT Laboratory Training Coordinator, cpoppler@mt.gov, or call 406-444-0930, and we will relay them to the appropriate subject matter expert and publish the answers in the Laboratory Sentinel Newsletter.

Welcome to the current issue of the Communicable Disease Epidemiology Program Weekly Update for MMWR reporting weeks 37 and 38. This issue contains information about:

-Montana's first hantavirus case of 2010 -WNV! It is present in Montana this year after all!
-More pertussis
-Valuable information about influenza prevention and surveillance
To read the update visit:

http://www.dphhs.mt.gov/PHSD/epidemiology/documents/CDWeeklyUpdateWk37_38.pdf. For week 37 and 38 case counts by county visit:

<http://www.dphhs.mt.gov/PHSD/epidemiology/commun-disease-epi-surv.shtml>

For past issues of the CDEpi Weekly Update visit:

<http://www.dphhs.mt.gov/PHSD/epidemiology/commun-disease-epi-index.shtml>

The Montana Communicable Disease Epidemiology Program can be reached 24/7/365 (406)444.0273 or <http://cdepi.hhs.mt.gov>

Laboratory Testing Methods for the Control of Rotavirus Gastroenteritis

October 27, 2011 • 1:00 PM–2:00 PM ET

Registration Deadline October 25, 2010

\$95—Teleconference only.\$115—One teleconference plus access to the archived program for six months.

[Download the course flyer.](#)
[Register online.](#)